

ENTERPRISE BUDGET			
Classification	Vegetables	Province	Western Cape
Enterprise Budget Name	Herbs (Mint)	District	Western Cape
Tunnel Size (m²)	300	Area	Western Cape
Date Developed	27 March 2017	Latest update	07 September 2022
Developer	Mzwanele Lingani	Updater	Nontembeko Mbusi
Growing medium	Cocopeat		

Use this enterprise budget as an aid in the planning process.

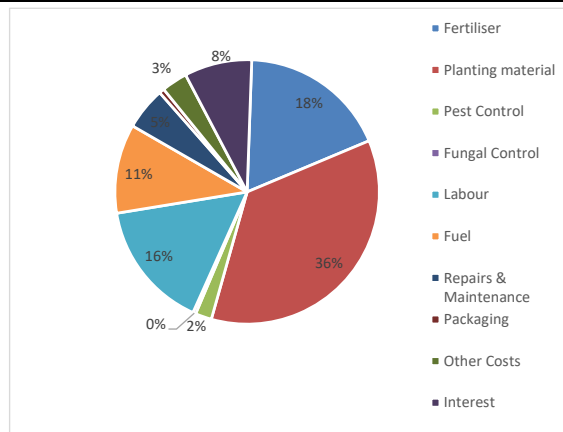
Description	Unit	Price Per Unit	Quantity	300 m ²	Value Per Yield Unit
GROSS INCOME			2,90	230 129,04	79 354,84
Product Income					
Mint	Ton	79 354,84	2,90	230 129,04	79 354,84
MARKETING COSTS				28 766,13	9 919,36
GROSS INCOME minus MARKETING COSTS				201 362,91	69 435,49
TOTAL ALLOCATABLE VARIABLE COSTS				121 949,19	42 051,44
DIRECTLY ALLOCATABLE VARIABLE COSTS				100 566,21	34 678,00
A) PRE-HARVEST COSTS					
PLANTING MATERIAL				47 437,50	16 357,76
Mint	Kg	0,00	0,10	0,00	0,00
Cocopeat (Growing medium)	Kg	37,95	1 250,00	47 437,50	16 357,76
FERTILISER				24 090,62	8 307,11
Potassium Nitrate	Ton	33 544,35	0,30	10 063,31	3 470,11
Calcium Nitrate	Ton	12 375,92	0,40	4 950,37	1 707,02
Magnesium Sulphate	Ton	10 327,00	0,35	3 614,45	1 246,36
Mono Potassium Phosphate	Ton	43 700,00	0,13	5 462,50	1 883,62
INSECTICIDES/PESTICIDES				2 651,90	914,45
Mineral Oil 857g/l (Cipron)	L	155,25	2,00	310,50	107,07
Bacillus thuringiensis	Kg	797,04	0,30	239,11	82,45
Adjuvant	L	118,86	4,00	475,46	163,95
Methomyl	L	135,63	0,80	108,50	37,42
Flubendiamide	L	4 075,14	0,30	1 222,54	421,57
Abamectin	L	147,89	2,00	295,78	101,99
FUNGICIDES				478,54	165,01
Captab	Kg	239,27	2,00	478,54	165,01
CASUAL LABOUR				649,32	223,90
Casual Labour Planting/Hour	R/Manhour	23,19	28,00	649,32	223,90
OTHER COSTS				4 200,00	1 448,28
Electricity	R	4 200,00	1,00	4 200,00	1 448,28
B) HARVEST COSTS					
CASUAL LABOUR				20 221,68	6 972,99
Casual Labour Harvesting/Hour	R/Manhour	23,19	656,00	15 212,64	5 245,74
Casual Labour Packaging/Hour	R/Manhour	23,19	216,00	5 009,04	1 727,26
PACKAGING MATERIAL				836,65	288,50
Plastic bags (5Kg)	Bag	0,87	577,00	501,99	173,10
Labeling	Label	0,58	577,00	334,66	115,40
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				100 796,70	34 757,48

INDIRECTLY ALLOCATABLE VARIABLE COSTS			21 382,98	7 373,44
C) PRE-HARVEST COST				
Fuel	L	21,14	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS				
Fuel	L	21,14	14 489,19	4 996,27
Repairs & Maintenance			6 893,80	2 377,17
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			79 413,72	27 384,04
Interest on Working Capital			10 975,43	3 784,63
MARGIN ABOVE SPECIFIED COSTS			68 438,29	23 599,41

NOTES:	
Interest Rate	9,00%
Growing period of Crop (Months)	12

SENSITIVITY ANALYSIS					
YIELD (Kg/ha)	PRICE (R/kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 71 419	R 75 387	R 79 355	R 83 323	R 87 290
2	R 4 002	R 13 207	R 22 412	R 31 618	R 40 823
3	R 24 714	R 35 070	R 45 425	R 55 781	R 66 137
3	R 45 425	R 56 932	R 68 438	R 79 945	R 91 451
3	R 66 137	R 78 794	R 91 451	R 104 108	R 116 765
3	R 86 849	R 100 656	R 114 464	R 128 272	R 142 080
BREAKEVEN YIELD (Kg/ha)	2,26	2,14	2,04	1,94	1,85

Costs Of Production	R/Ha
Fertiliser	24 090,62
Planting material	47 437,50
Pest Control	2 651,90
Fungal Control	478,54
Labour	20 871,00
Fuel	14 489,19
Repairs & Maintenance	6 893,80
Packaging	836,65
Other Costs	4 200,00
Interest	10 975,43



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